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JUL 21 2004

Attorney Docket No.: P7779

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

In re Application of: )  
Robert M. Grow et al. )  
Application No: 09/539,795 )  
Filed: March 31, 2000 )  
For: Switching Fabric Including a Plurality )  
of Crossbar Sections (as previously )  
amended) )

Examiner: Elallam

Art Unit: 2662

## PRELIMINARY AMENDMENT and REMARKS

Dear Sir:

Applicants file this Preliminary Amendment and Remarks in relation to a Request for Continuing Examination filed for this application on May 27, 2004.

Amendments to the Claims are reflected in the listing of claims, which begin on page 2 of this paper.

Remarks begin on page 12 of this paper.

Application No. 09/539,795  
Atty. Docket No. P7779

-1-

Examiner Elallam  
Art Unit 2662

ATTORNEY CONFIDENTIAL

**Intel Corporation**  
2111 Ne 25<sup>th</sup> Avenue, MS: JF3-147  
Hillsboro, Oregon 97124

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Intel Legal Team

JUL 21 2004

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Page 1 of 20

Urgent

Confidential

Date: 21-Jul-04

To:	Fax:	Art Unit:
Examiner: A. Elallam	(703) 872-9306	2662
USPTO		
From:	Fax:	M/S:
Ted A. Crawford	503-264-1729	JF3-147
Intel Corporation		
Subject: Application No.: 09/539,795	Docket #: 42P7779	
Filed: March 31, 2000	Inventor: Robert M. Grow	

I hereby certify that the below listed correspondence is being facsimile transmitted to the USPTO to: Mail Stop: Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on July 21, 2004.

Derek S. Watson                      Date: July 20, 2004

**Message:**

Included in this transmission:  
Fax Cover Sheet (1 page)  
Transmittal (1 page)  
Fee Transmittal (1 page submitted in duplicate)  
Amendment (16 pages)

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PTO/SB/21 (02-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/539,796
	Filing Date	March 31, 2000
	First Named Inventor	Robert M. Grow
	Art Unit	2662
	Examiner Name	A. Etallam
Total Number of Pages in This Submission	Attorney Docket Number	42P7778

Total Number of Pages in This Submission

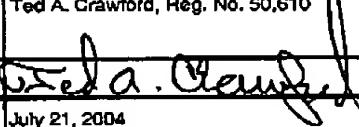
Attorney Docket Number

42P7778

**ENCLOSURES (Check all that apply)**

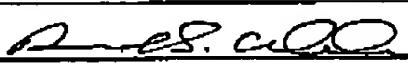
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Remarks	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or individual name	Ted A. Crawford, Reg. No. 50,610
Signature	
Date	July 21, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Derek S. Watson
Signature	
	Date 7/21/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

## Complete If Known

Application Number	09/539,795
Filing Date	March 21, 2000
First Named Inventor	Robert M. Grow
Examiner Name	Elallam
Art Unit	2662
Attorney Docket No.	42P7779

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None Deposit Account:

Deposit Account Number	50-0221
Deposit Account Name	Intel Corporation

The Director is authorized to: (check off that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20 <sup>**</sup> =	[ ] X [ ] = [ ]	
Claims	-3 <sup>**</sup> =	[ ] X [ ] = [ ]	
Multiple Dependent		[ ] = [ ]	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 0	Claims in excess of 20
1201 66	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 66	2204 43	** Reissue independent claims over original patent
1205 18	2205 0	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

\*\* or number previously paid, if greater. For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 820*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 685	Petition to revive - unintentional	
1501 1,390	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1450 130	1450 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 770.00)

(Complete if applicable)

SUBMITTED BY			
Name (Print/Type)	Ted A. Crawford	Registration No. (Attorney/Agent)	Telephone 503-712-2799
Signature	Ted A. Crawford		
Date	July 21, 2004		

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